

ABSTRACT OF THE DISCLOSURE

An anode can having a sufficient strength in a fixing portion of the anode can and a cathode cover of a battery as well as a manufacturing method thereof are obtained. A cylindrical anode can has a sidewall and extends along a central axis. The sidewall has an upper end portion serving as a large thickness portion having a relatively large thickness and a sidewall small thickness portion having a thickness relatively smaller than that of the upper end portion. The upper end portion is located at an end of the sidewall, and the sidewall small thickness portion refers to a portion other than the upper end portion in the sidewall. In the sidewall, a distance (L3) between an outer circumferential surface of the upper end portion and the central axis is equal to a distance (L3) between an outer circumferential surface of the sidewall small thickness portion and the central axis. Meanwhile, a distance (L1) between an inner circumferential surface of the upper end portion and the central axis is smaller than a distance (L2) between an inner circumferential surface of the sidewall small thickness portion and the central axis.